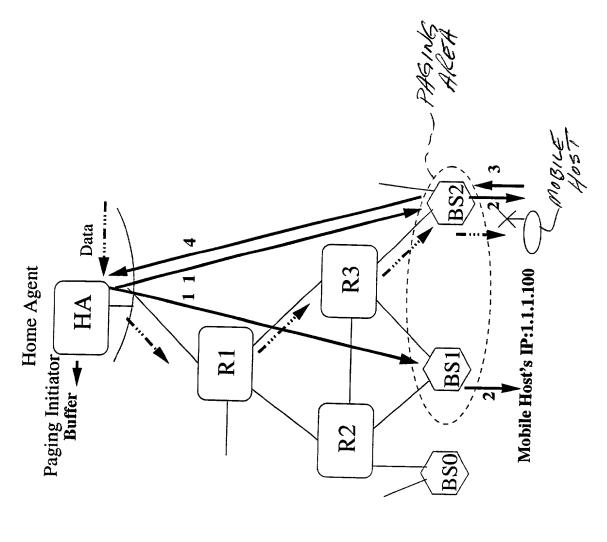
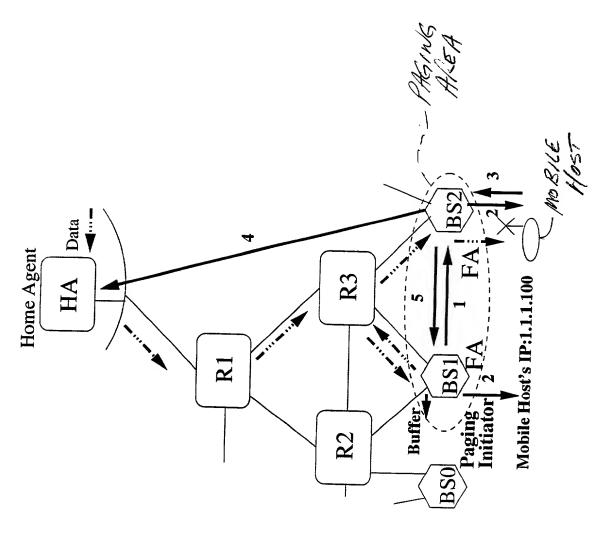


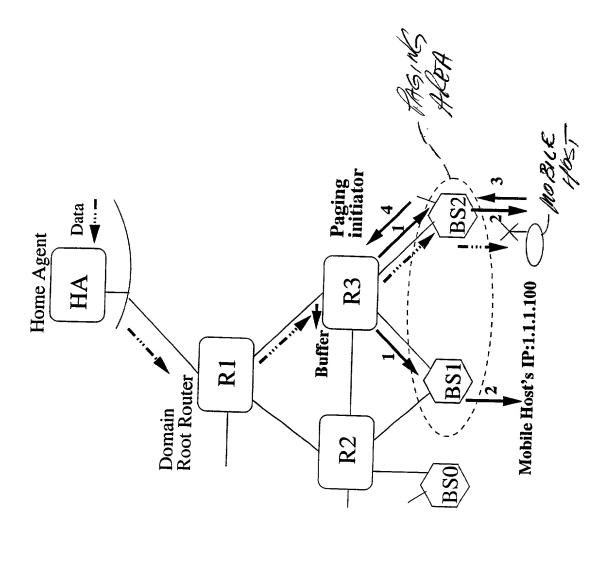
1/6,1



F/5.2

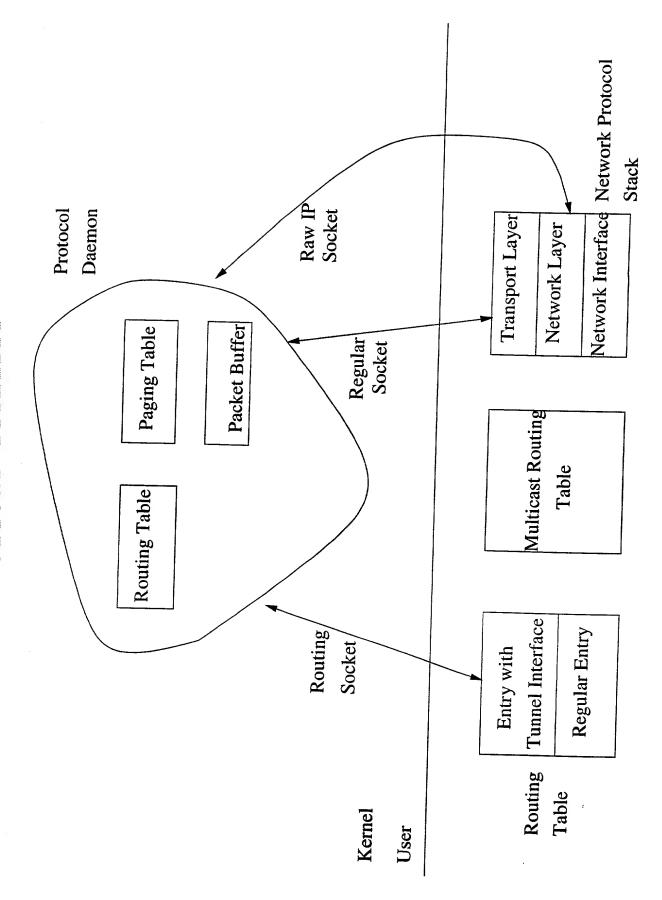


F/5, 8



L16.4

3

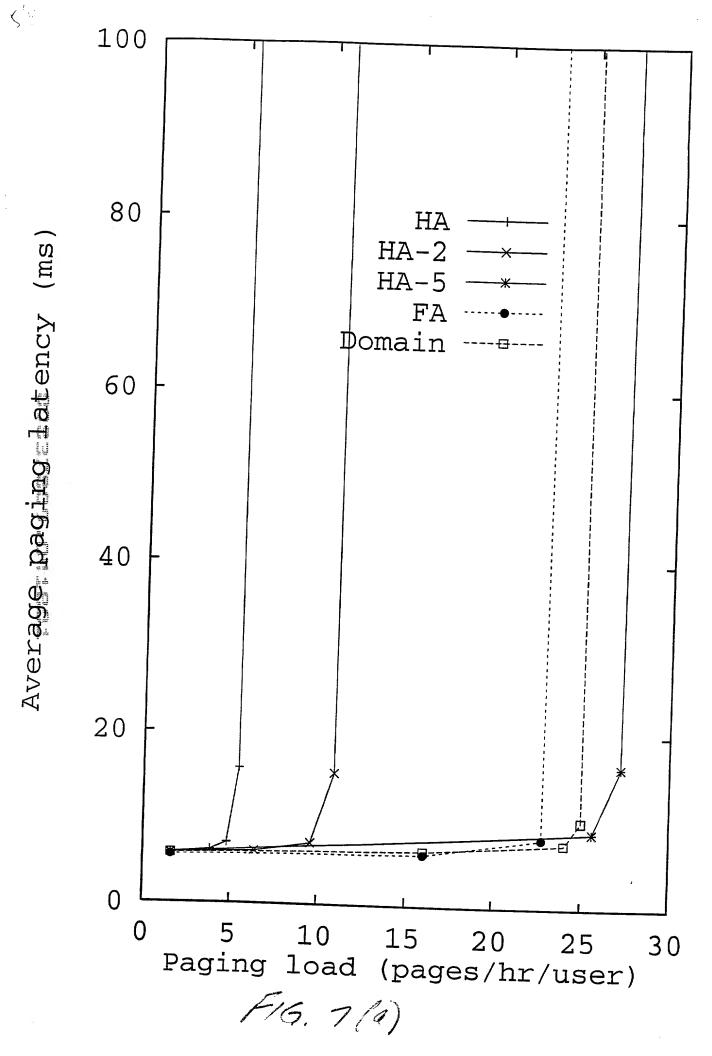


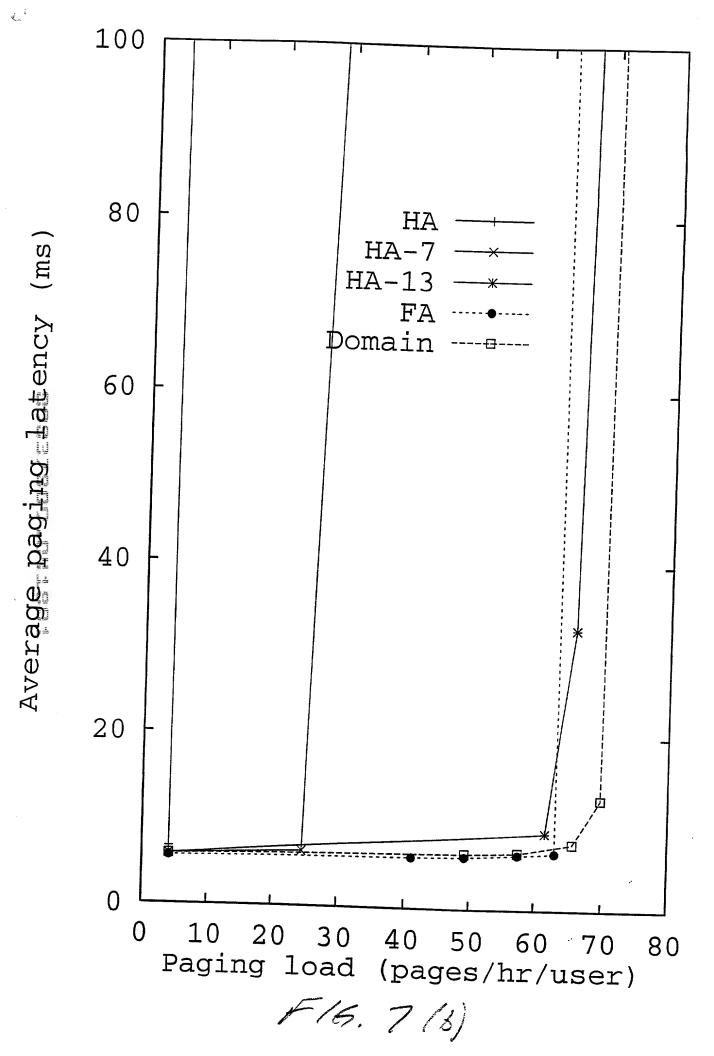
FIGS

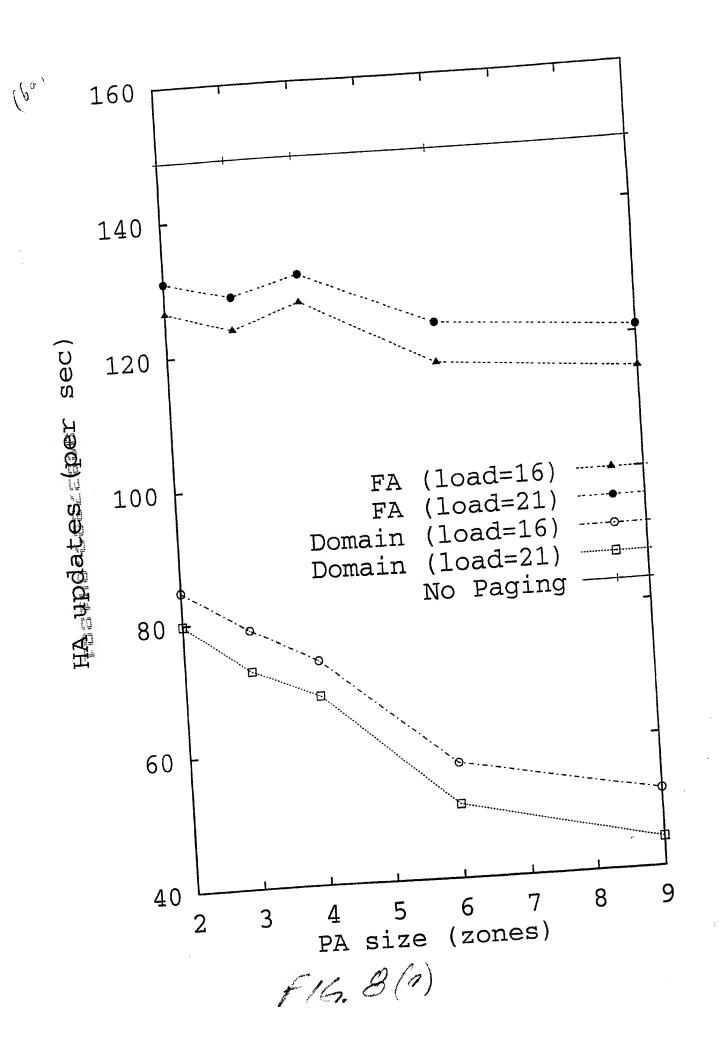
TABLE I PAGING PROCESSING TIMES IN MILLISECONDS

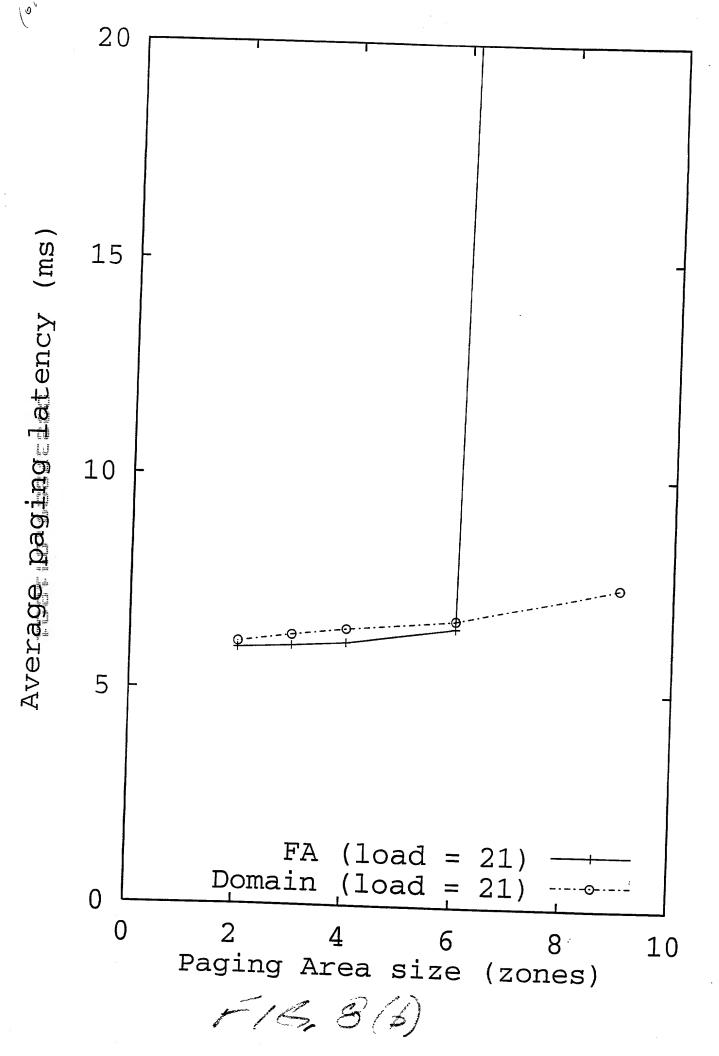
		Hier.	(not)	0.203	0.155	0.066	0.316	2100	0.413		0 213	01110	0.110	0.114	0.232	- 227
		Hier.	(found)	0.196	i (0.079	0.334	0.204			0.197		0.106		0.249	
SOMO	L		(not)	0.316	70.0	0.008	0.317	0.193			0.189	0.117	0.114	_		0.413
	1 200		0 222	0.363	0.082	0 331	0.001	0.190		0 102		1	1	0.251		
	Fixed	(not)	0.173	}	0.080	0.378	0770	2173		0.199	\		0.113	0.233	0.429	
	Fixed	(found)	0.173		0.080	0.378	0.279		100	0.197	,	0 106	0.100	/57.0	1	
Ronter in the 1	roacci initiated (HA)	in the state of th	min-page-request (router)	recy init age request (router)	recy name recomment (bs)	recy need to be seed t	Ter-page_response(router)	Base station initiated (FA)	+	-	reny-page_request(bs)	(S)			- Lead on self conter)	

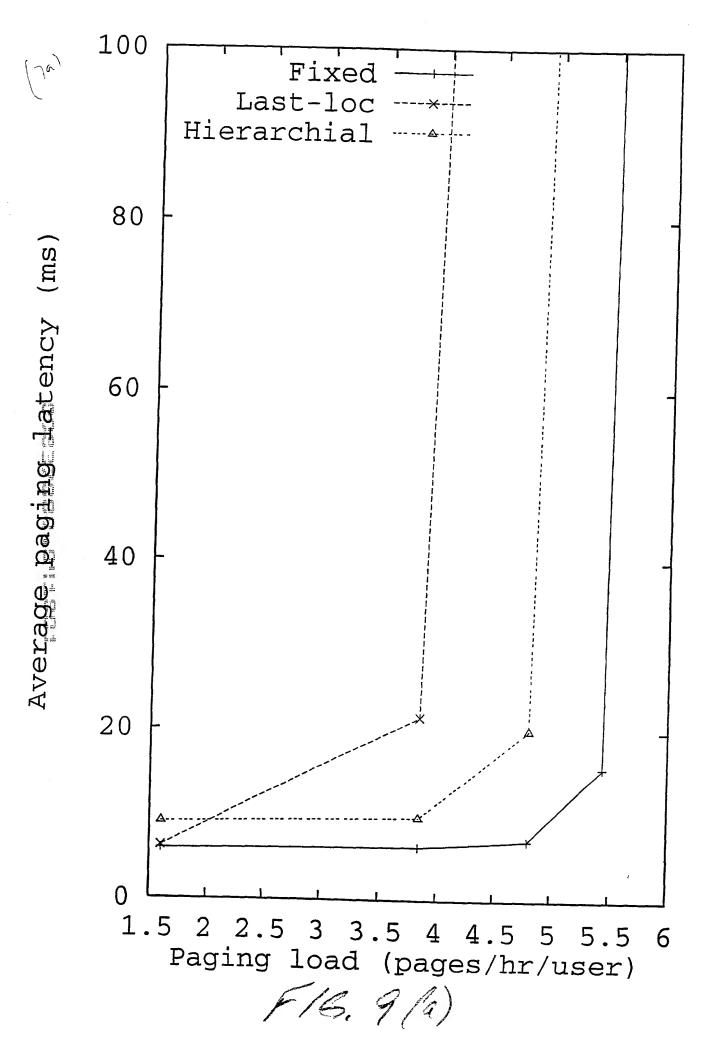
Flai6

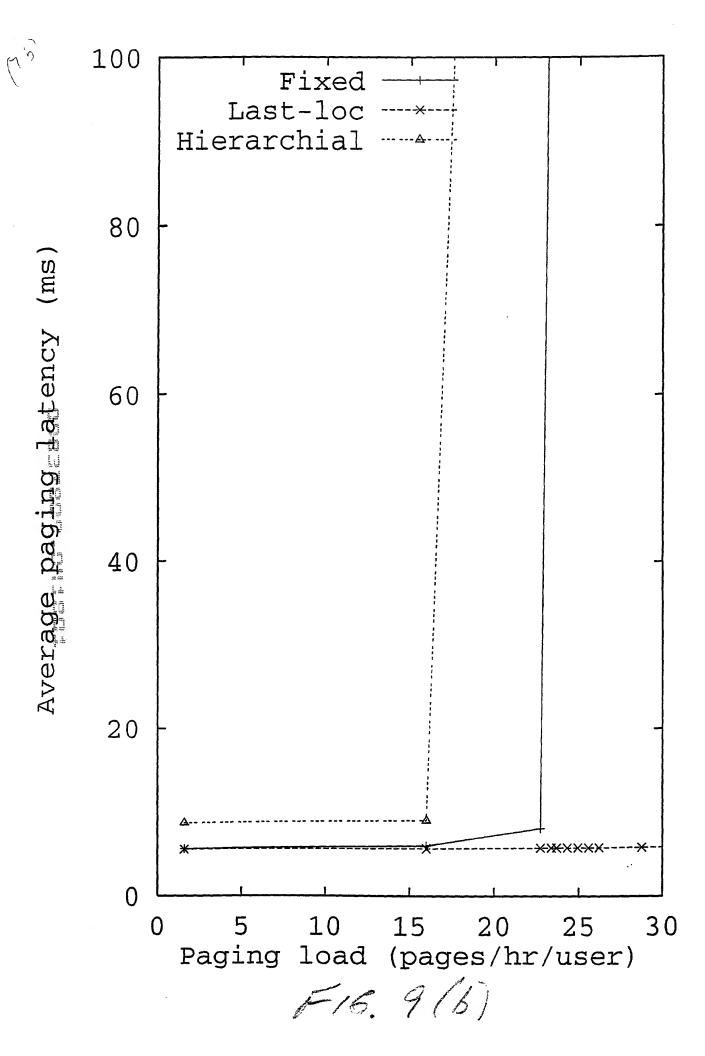


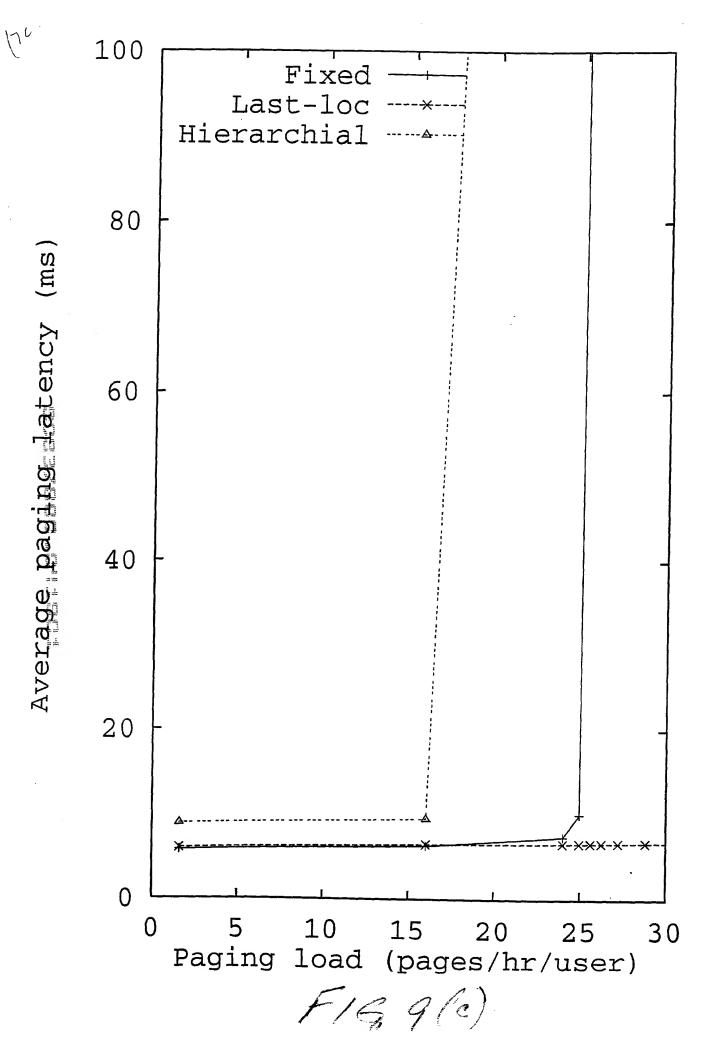




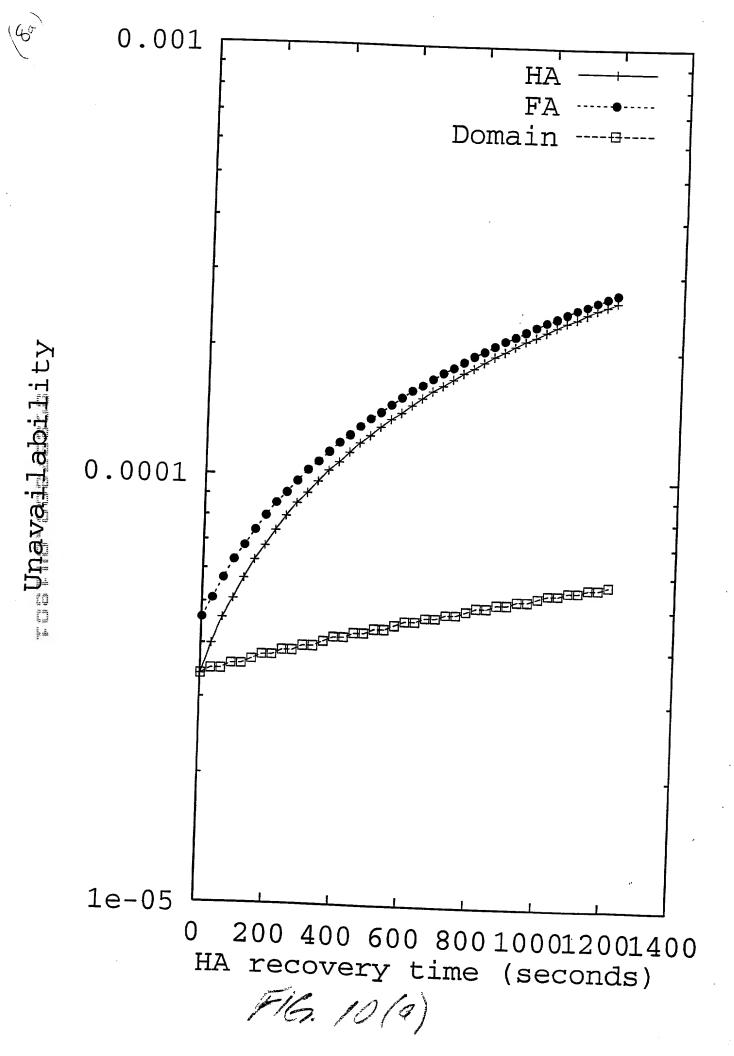


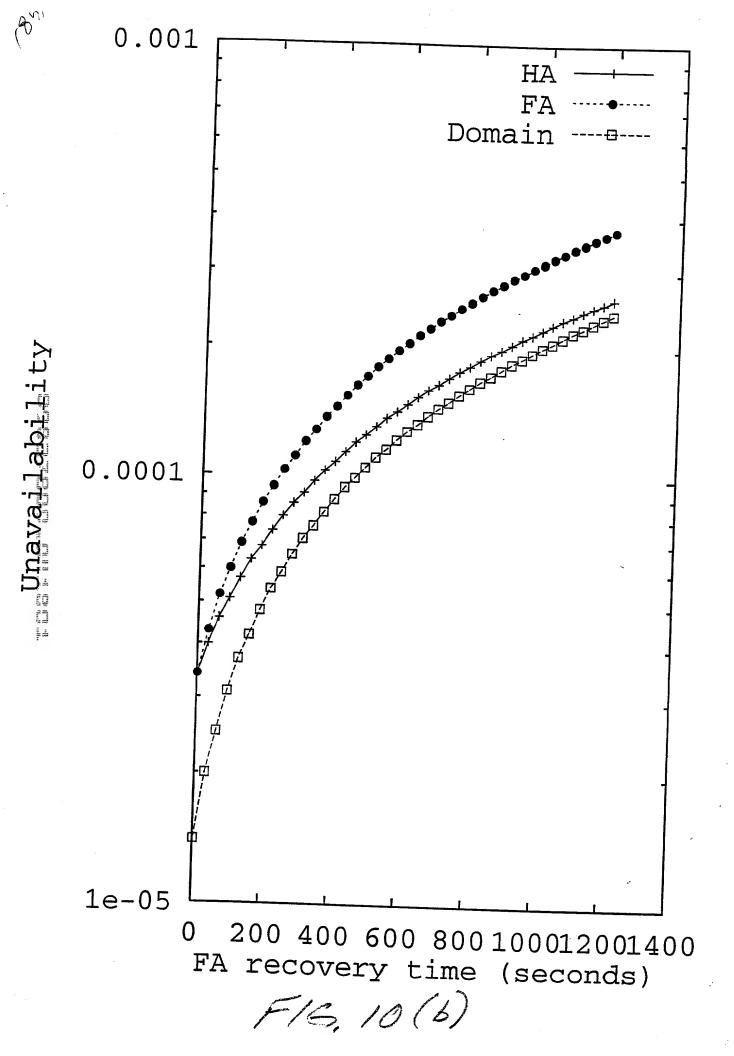






0.1





F18.11

ROUTER PROCESSING FOR A GIVEN MOBILE HOST

Routing	Paging	Host	Router
entry	entry	state	action
Y	Y/N	Active	Regular IP forwarding
N	Y	Standby	Paging processing
N	N	Null	Drop if no default route

F16, 12

- 1. Receive protocol message from neighbor with (MH IP ADDRESS, MGA) on Port A
- 2. If I am the Domain Root Router
- 3. Set entry to (MH IP ADDRESS \rightarrow MGA, Port A)
- 4. else
- 5. Set entry to (MH IP ADDRESS \rightarrow MGA, Port A)
- 6. Forward to upstream neighbor along default route
- 7. endif

Paging update processing in base station/router

F19 13

1. IP packet for MH arrives at node with					
entry (MH IP address \rightarrow MGA, Port A)					
2. if (packet arrives from default route port					
or I am Domain root Router)					
3. if ((no refresh on Port A) /* Failure */					
4. or (page queue $< \beta$)/*lightly loaded?*/					
5. or (I am a base station)) /* Initiate Paging */					
6. buffer packet and send page to MGA					
7. increase retry counter and set retry timer					
8. else /* Push paging initiation downstream */					
9. route the packet through Port A					
10. endif					
11. else					
12. forward packet along default route to DRR					
13. endif					

Paging initiation in base station/router

F19.14

1. Receive protocol message with from neighbor

(MH IP ADDRESS, MGA) on Port A

2. If I am the paging initiator

Set entry to (MH IP ADDRESS → Port A)

Forward buffered packets

Set entry to (MH IP ADDRESS → Port A) 5. else6. Set

Forward response hop-by-hop towards initiator

8. endif

